

### IN THE CLAIMS

1. (Currently Amended) A system for generating an executable procedure, comprising:

a repository including spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

an executable application for parsing and processing said spreadsheet representative data to provide an executable procedure with characteristics determined by said data elements individual data items and for use in processing data using said data elements individual data items to provide processed data for output; and

a command processor for initiating execution of said executable procedure in response to user command.

2. (Original) A system according to claim 1, wherein

said executable procedure processes data in a database using said data elements to provide updated data for storage in said database.

3. (Original) A system according to claim 1, wherein

said executable procedure characteristics determined by said data elements comprise at least one of, (a) programming language structural features, (b) structure of sub-procedures in said executable procedure and (c) a process performed by a sub-procedure in said executable procedure.

4. (Original) A system according to claim 1, wherein

said executable application processes said spreadsheet representative data to provide an executable procedure for updating a data item in a database using one of said data elements to replace a prior corresponding data element of a predetermined computation formula.

5. (Currently Amended) A system according to claim-1 4, wherein

said prior corresponding data element of said predetermined computation formula comprises at least one of, (a) a factor used as a multiplier in said computation formula, (b) a constant in said computation formula, (c) a threshold value identifying whether said computation formula applies, (d) a threshold value identifying whether a portion of said computation formula applies.

6. (Original) A system according to claim 1, wherein

said executable application processes said spreadsheet representative data to provide an executable procedure by updating a data item in said database by replacing said data item with one of said data elements.

7. (Original) A system according to claim 1, wherein

said executable application is a Script for generating programming language code comprising code in at least one of, (a) C++, (b) Java, (c) HTML, (d) XML and (e) SGML.

8. (Currently Amended) A system for updating data items in a database, comprising:

a repository including spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

an executable application for parsing and processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database using one of said ~~data elements~~ individual data items to replace a prior corresponding data element individual data item of a predetermined computation formula to provide an updated computation formula for use in processing data using said individual data items to provide processed data for output; and

a command processor for initiating execution of said executable procedure in response to user command.

9. (Currently Amended) A system according to claim-1 8, wherein

said execution of said executable procedure re-computes a value of said data item using said updated computation formula and updates said data item in said database with said re-computed value.

10. (Currently Amended) A system for generating an executable procedure, comprising:

a repository including spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

an executable application for parsing and processing said spreadsheet representative data to provide an executable procedure for updating a data item value in a database by

using one of said ~~data elements~~ individual data items to replace a prior corresponding ~~data element~~ individual data item of a predetermined computation formula to provide an updated computation formula and

re-computing a value of said data item value using said updated computation formula; and

a storage processor for updating said data item value in said database with said re-computed value.

11. (Currently Amended) A processing device implemented method for generating an executable procedure, comprising the activities of:

storing spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

parsing and processing said spreadsheet representative data to provide an executable procedure with characteristics determined by said ~~data elements~~ individual data items and for use in processing data using said ~~data elements~~ individual data items to provide processed data for output; and

initiating execution of said executable procedure in response to user command.

12. (Currently Amended) A processing device implemented method for updating data items in a database, comprising the activities:

storing spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

parsing and processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database using one of said ~~data-elements~~ individual data items to replace a prior corresponding ~~data-element~~ individual data item of a predetermined computation formula to provide an updated computation formula for use in processing data using said individual data items to provide processed data for output; and

initiating execution of said executable procedure in response to user command.

13. (Currently Amended) A method for updating data items in a database, comprising the activities of:

storing spreadsheet representative data, said spreadsheet representative data including stored data elements comprising individual data items determining characteristics of an executable procedure;

parsing and processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database;

using one of said ~~data-elements~~ individual data items to replace a prior corresponding ~~data-element~~ individual data item of a predetermined computation formula to provide an updated computation formula;

re-computing a value of said data ~~item~~ value using said updated computation formula; and

updating said data ~~item~~ value in said database with said re-computed value.